

AMENDMENTS TO THE ABSTRACT

Please replace the abstract for the corresponding PCT application published as WO 2004/030335 A2 with the replacement abstract attached hereto.

ABSTRACT

A distinct color LCD apparatus including at least one layer of encapsulated cholesteric liquid crystal material is provided. The apparatus includes an electrically conductive means for addressing a plurality of parallel addresses across the encapsulated cholesteric liquid crystal material in the at least one layer; and an electrical pulse driving means connected to said electrically conductive means and arranged to supply drive signals to the plurality of parallel addresses to drive the cholesteric liquid crystal material selectively into a homeotropic state or a planar state. The electrical pulse driving means is arranged to supply drive signals which provide a predetermined grey level by driving the cholesteric liquid crystal material into homeotropic state in a fraction of a predetermined time period and into the planar state in the remainder of said time period.